

**To:** CN=John Cox/OU=ADA/O=USEPA/C=US@EPA[]  
**Cc:** []  
**Bcc:** []  
**From:** CN=Dominic Digiulio/OU=ADA/O=USEPA/C=US  
**Sent:** Wed 10/24/2012 7:11:30 PM  
**Subject:** Fw: steel casing - need quick response - DRAFT DELIBERATIVE

John:

Here is Joe's phone number.

----- Forwarded by Dominic Digiulio/ADA/USEPA/US on 10/24/2012 02:10 PM -----

**From:** "Tyburski, Joe" <Joe.Tyburski@shawgrp.com>  
**To:** Dominic Digiulio/ADA/USEPA/US@EPA  
**Cc:** Cindy Paul/ADA/USEPA/US@EPA, "Wilson, James" <james.wilson@shawgrp.com>, "Wille, Lowell" <Lowell.Wille@shawgrp.com>, Sujith Kumar/ADA/USEPA/US@EPA, Trina Perry/ADA/USEPA/US@EPA, Steven Acree/ADA/USEPA/US@EPA, Randall Ross/ADA/USEPA/US@EPA, David Jewett/ADA/USEPA/US@EPA, Ayn Schmit/R8/USEPA/US@EPA, Rick Wilkin/ADA/USEPA/US@EPA, "Wille, Lowell E." <LEWille@moxproject.com>  
**Date:** 07/27/2012 08:16 AM  
**Subject:** RE: steel casing - need quick response - DRAFT DELIBERATIVE

Steel casing was used, instead of PVC for example, because of the potential for casing collapse at the depths these wells were constructed. Crushing of weaker materials is a concern during well installation at depths of approximately 1000 feet. Steel is an acceptable material in WY's Well Construction Standards, Chapter 26. Shaw has constructed wells of this material in Colorado, Nevada, and New Mexico while under contract to the Department of the Energy.

Regarding your earlier question of whether glycol was used in the grout mix, no additives were used in the neat cement mix. I have contacted the drilling contractor to verify.

Joe Tyburski  
513-782-4970

**From:** Dominic Digiulio [mailto:Digiulio.Dominic@epamail.epa.gov]  
**Sent:** Thursday, July 26, 2012 2:33 PM  
**To:** Tyburski, Joe  
**Cc:** Cindy Paul; Wilson, James; Wille, Lowell; Sujith Kumar; Trina Perry; Steven Acree; Randall Ross; David Jewett; Ayn Schmit; Rick Wilkin  
**Subject:** steel casing - need quick response - DRAFT DELIBERATIVE

Joe:

The WYDEQ is stating that there are issues associated with use of steel casing for monitoring wells.

Can you describe in a paragraph why this material and casing was used for construction for MW01 and MW02.

Can you give examples of use for monitoring wells at other locations?

This statement has been supplied to the media so we must respond quickly.

Here are the specifications for the casing:

Korea Hyundai HYSCO ASTM A53A-E 4 x 0.237 x 21.00 1020480 0B23C

Dominic C. DiGiulio, Ph.D.

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